

IN THE ABSTRACT

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New Abstract.

NEW ABSTRACT

A multiview display device displays multiple views having respective viewing angles related to an object to be displayed. The display device includes an optical device for displaying multiple viewing cones. A first cone of the multiple viewing cones has different views so that a different view is observed by a right eye and a left eye of a viewer of the multiview display device. The different views of the first cone have an angular distribution relative to the display device, where sets of image data are provided such that the angular distribution has a first part of adjacent views with increasing viewing angle and a second part of adjacent views with decreasing viewing angle. Further, the angular distribution has a first one of the views in between a maximum view which corresponds to a maximum viewing angle and a minimum view which corresponds to a minimum viewing angle.